

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	355	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:23
L2	1042	(356/625,446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:23
L3	10	(lippman near equation\$1) (volterra near equation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:26
L4	10	(lippman near equation\$1) (volterra near equation\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:24
L5	1	4 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:24
L6	0	4 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:24
L7	0	(inverse adj scattering) and (irradiat\$3 with object) and (reflect\$3 near spectrum) and (Lippman\$1schwinger near equation) and (Volterra with iterative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:25
L8	0	(analyz\$3 same (inverse with scatterS3 or spectral)) and (irradiat\$3 with objectS1) and (measur\$3 same (( reflectS3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:25
L9	0	((transmission transmitS3) near coefficient) and ((reflection reflectS4) near coefficient) and (Lippmann Schwinger) and (inverse near scatterS3) and Volterra and (irradiat\$3 with objectS I) and (measur\$3 with (transmis\$3 and spectr\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:25
L10	0	9 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:25
L11	722	(702/134,66,67).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:26
L12	355	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:26

## EAST Search History

L13	0	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Lippman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:26
L14	0	(Lippmann\$1 Schwinger) and (inverse with scatterS3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L15	12	(Lippmann\$1 Schwinger) and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L16	1	15 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L17	2	15 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L18	0	15 and 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L19	1	15 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:27
L20	1	15 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L21	1	20 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L22	0	20 and 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L23	11	((transmission transmitS3) near coefficient) and ((reflection reflectS4) near coefficient) and (Lippmann Schwinger)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L24	1	23 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L25	2	23 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L26	1	23 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28
L27	0	25 and 26	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:28

## EAST Search History

L28	0	23 and 7	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:29
L29	4	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:29
L30	1	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and volterra	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:29
L31	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:30
L32	0	31 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:30
L33	0	31 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:30
L34	0	31 and 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:30
L35	0	31 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:30
S1	0	(702/076).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 15:01
S2	334	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:41
S3	1	S2 and (inverse near scattering)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:45
S4	1	S2 and (inverse near scattering)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:45
S5	0	(inverse adj scattering) and (irradiat\$3 with object) and (reflect\$3 near spectrum) and (Lippman\$1schwinger near equation) and (Volterra with iterative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 16:24

## EAST Search History

S6	8	(lippman near equation\$1) (volterra near equation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 16:24
S7	0	reformulat\$3 with (Lippmann\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:48
S8	8	(Lippmann\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:31
S9	6	(Lippmann\$1Schwinger) and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14
S10	1	(Donald with Kouri) and (Amrendra with Vijay) and (Haiyan with Zhang) and (David with Hoffman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S11	426	(Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S12	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Lippman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S13	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Lippman Volterra Inverse\$1scatter\$3 (inverse with scatter\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:12
S14	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Inverse\$1scatter\$3 (inverse with scatter\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:12
S15	976	(356/625,446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
S16	0	S15 and (inverse with scatter\$3 with (spectrum spectral))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:13
S17	16	S15 and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:34
S18	0	S15 and (inverse with scatter\$3) and (transmission with object)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:13
S19	0	S15 and (inverse with scatter\$3) and (iterat\$3 with Volterra)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:14

## EAST Search History

S20	0	S15 and (inverse with scatter\$3) and (iterat\$3 with Volterra)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:14
S21	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
S22	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
S24	33667	("702").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:16
S25	0	S22 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:16
S26	41	analyz\$3 same ((inverse with scatter\$3) inverse\$1scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:25
S27	9	S26 and ((transmission and reflect\$4) with coefficient\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:26
S28	29	("4622222"   "4727550"   "4798209"   "5227797"   "5588032"   "5667893").PN. OR ("6005916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:29
S29	1	(Lippmann\$1Schwinger) and volterra	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:31
S30	4	("3121177"   "4769683"   "H001570").PN. OR ("5705824").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:33
S31	9	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:19
S32	3	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20

## EAST Search History

S33	1	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:06
S34	0	(((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S35	334	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S36	0	S34 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S37	1	S32 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S38	290	(356/625).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S39	1	S31 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S40	0	S34 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S41	689	(356/446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S42	1	S41 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S43	264	(702/155).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:22
S44	1	S43 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:22
S45	0	S43 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S46	284	(702/75).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23

## EAST Search History

S47	0	S46 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S48	0	S46 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S49	5633	(356/32,34,300,303,450,451,432,445,448, 213,228,947,253,254,255,226,340,239, 237,222).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S50	0	S49 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S51	4	S49 and (Lippman Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S52	0	S49 and (Lippman Schwinger) and Volterra	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S53	0	S49 and (Lippman\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S54	0	(inverse adj scattering) and (irradiat\$3 with object) and (reflect\$3 near spectrum) and (Lippman\$1schwinger near equation) and (Volterra with iterative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:04
S55	349	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
S56	0	S54 and S55	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
S57	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:05
S58	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16

## EAST Search History

S59	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) .clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:15
S60	0	S55 and S59	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
S61	1016	(356/625,446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
S62	0	S59 and S61	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:13
S63	92	(702/134).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:14
S64	0	S63 and S59	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:14
S65	7	(Lippmann\$1Schwinger) and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14
S66	1	S65 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14
S67	2	S65 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:15
S68	2	((transmission transmit\$3) near coefficient) and S67	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
S69	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) ) and S68	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
S70	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) ) and S67	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16

## EAST Search History

S71	606	(702/66,67).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
S72	0	S71 and S65	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
S73	0	S71 and S59	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
S74	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
S75	0	S74 and S55	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
S76	0	S74 and S61	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22